



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the application of)
Langley et al.,)
Serial No.: 10/813,835) GAU 2856
Filed: April 1, 2004) Examiner: Garber, Charles D
For: "INTERNAL FIELD JOINT)
INSPECTION ROBOT")

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

AMENDMENT

In response to the Office Action of November 7, 2005, please amend the above identified application as follows:

Please rewrite the paragraph on Page 1, Lines 2 - 12, as follows.

The present invention relates to a self powered field joint inspection robot which can be moved or driven through a pipeline and positioned therein by means of a commercially available internal pipe crawler device while being simultaneously monitored and controlled by a remote operator. More particularly, the present invention relates to a field joint inspection robot designed to travel along the interior of a pipeline for the purpose of inspecting the integrity of coatings applied to the interior surface area at the welded joint of the pipeline. The present invention is further designed to inspect the integrity of coatings applied to a metal substrate located anywhere within the interior of the pipeline using an onboard thickness gauge to display and record applied coating thickness, detect for holidays (voids or pinholes) in the coating, mark the location of any detected holiday, and provide simultaneous live video feedback to a device operator.